OIPE IAP58
DEC 12 2005
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: **GORTY ET AL.**	)	
	)	Examiner: J. Hu
Serial No. **10/767,571**	)	
Filing Date: **January 29, 2004**	)	
Confirmation No. **6197**	)	Art Unit: 2154
For: **SYSTEM AND METHOD OF POLLING ELECTRONIC MAILBOXES**	)	

SUPPLEMENTAL DECLARATION UNDER 37 C.F.R. 1.131

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, **Suryanarayana Murthy GORTY** and **Shaibal ROY**, do hereby declare and state:

1. We are the co-inventors of claims 1-33 as originally filed in the above-identified patent application.

2. Applicants have reviewed the Office Action dated September 9, 2005 in which the Examiner stated the original 131 Declaration was insufficient because greater details concerning the reduction to practice should be submitted and clarification as to dates submitted. This Supplemental Declaration is submitted in response to that Office Action. For purposes of clarity, Exhibit 1 has now been resubmitted with all dates included. Applicants also

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submit Exhibits 2, 3 and 4 that show details regarding the timeline achieved when drafting code and the timeframe regarding reduction to practice that occurred prior to August 7, 2003, the effective date of U.S. patent application publication no. 2005/0039048 to Tosey.

3. We conceived and reduced to practice the subject matter of the above-identified patent application while working in our offices in the United States at TeamOn Systems, Inc., 1180 NW Maple Street, Issaquah, Washington 98027, prior to August 7, 2003, the effective date of U.S. patent application publication no. 2005/0039048 to Tosey.

4. We conceived of a communications system and method of polling electronic mailboxes in which a polling agent polls an electronic mailbox to retrieve unique identifiers (UID's) of electronic messages. A database stores the UID's resulting from the polling. The polling agent is operative for polling the electronic mailbox and retrieving only those UID's that are newer than the UID's from a previous polling to determine that new messages are available. Claim 1 recites this function and structure.

5. We worked diligently and, as shown in Exhibit 1, had drafted details of a functional specification before August 7, 2003. The functional specification shown in Exhibit 1 indicates the type of details and software engine that will make polling efficient to retrieve UID's from a source, such as in reverse chronological order. Technical details of the optimization for the system and method are also set forth. This functional specification indicates that we had worked

out many of the details of the claimed invention to determine the best operating manner. In a few weeks after this functional specification was completed, we reduced to practice and implemented software for operation and testing.

6. Page 2 of Exhibit 1 explains various details. The efficient implementation of the system and method includes "new-mail-only" polls in which the engine for polling and aggregation, i.e., the "AggEngine" retrieves UID's from a source in small batches in reverse chronological order until it sees a UID that already exists in the database. This engine includes a function "AggCron" that can make the choice between "new-mail-only" and "regular" polls. There is a use of a POP proxy that could be used with some deletions at the source. Some optimization could keep the UID's in the database longer after the messages have been deleted at the source. This functional specification discusses OWA and iNotes protocols, which are web-based mail applications from Microsoft and IBM, respectively, indicating that web pages can be retrieved page-by-page to determine a new message list.

7. The bottom portion of page 2 and pages 3, 4 and 5 of Exhibit 1 includes data regarding the UID targets and optimization that supports the functional specification.

8. Exhibits 2, 3 and 4 are snapshots of code archives that explain that software coding was accomplished in March 2003. These exhibits contain project tracking and

source-code control. Exhibit 2 shows the times of code check-ins of a file that had been modified. Revision 1.130 indicated by the arrow at the side on sheet 1 of Exhibit 2 shows that certain attributes and a poll type had been added to the software code. The comment mentions poll type=new that marks the differentiation between "new-mail-only" and "regular" polls as outlined in paragraph 6 above. Sheets 2 and 3 are enlarged portions of the first sheet. The snapshots date from before August 7, 2003, but these copies had been printed at November 12, 2005 at our attorney's offices indicated in the printout for purposes of this Supplemental 131 Declaration.

9. Exhibit 3 shows that the project was tracked and that the release was scheduled for April 2003 and testing done on April 11 as shown in ID609 at the bottom of sheet 2 and the bottom of the full page printout on sheet 1. Exhibit 4 is a continuation of Exhibit 3, but the screen shot did not completely capture the entry, but shows that the last changes for tracking this project were done on April 29, 2003. Actual coding and testing had been done by that time. Testing had been done by April 11, 2003. Thus, it is clear that the subject matter of at least claim 1 and other dependent claims had been reduced to practice in code and tested prior to August 7, 2003. We had been working consistently with reducing bandwidth requirements even before August 7, 2003.

10. After we had reduced to practice the claimed invention before August 7, 2003, we worked diligently to

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_____/

improve the function in the reduced to practice software and made some code modifications.

11. After working with our patent attorneys, we filed a patent application on the system and method as claimed on January 29, 2004.

12. We hereby declare that all statements made herein are of my own knowledge and are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title XVIII of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

12/5/2005
Date

Suryanarayana Murthy GORTY

12/5/2005
Date

Shaibal ROY

TeamOn Feature Summary

Title: Polling Optimization
File: Arch_Polling Optimization.doc
Date: February 18, 2003
Author: Jon Smith

Revision history: 1
Open issues, questions & comments 1
Overview: 1
Goals: 1
Current process: 1
Assumptions: 1
Scope: 1
Details: 2

Revision history:

February 18, 2003 – Jon – Shaibal's original e-mail defining the feature

Open issues, questions & comments:

Overview:

{Provide a one-page paragraph of the feature]

Goals:

[Define the goals of the project and specific objectives within each of the goals.]

Current process:

[Describe the current process, if any.}

Assumptions:

List assumptions made.

Scope:

[Define the scope of the feature, what will and will not be included.]

Exhibit 1

Details:

[Provide the details of the feature including implications to UI, security, documentation, training, existing processes, existing partners, etc.]

"Polling optimization"

The objectives will include:

- Reduce our Exodus bill (and that of others using MOP)
- Reduce workload on POP mail providers
- Reduce workload on OWA 5.5 servers
- Reduce workload on OWA 2k and iNotes servers

Note that the first two objectives may turn out to be the same, given the preponderance of POP3 among our current customers. The only question here is whether a large enough number of the POP mailboxes that we are polling contain a large number of messages. If so, optimization of the POP3 polls by itself should bring down our Exodus bills. If not, we may need to do POP, OWA 5.5 and OWA 2k to bring down the Exodus bills.

Technical details:
One way to make polling more effcient is to make the vast majority of polls "new-mail-only" polls. Such polls do not check to see whether any messages have been deleted from the source. Only a small minority of polls will check the entire source mailbox to see what has been deleted. An efficient implementation of "new-mail-only" polls will have AggEngine retrieve UIDs from the source in small batches in reverse chronological order (we may have to make some assumptions about the chronological order at the source) until it sees a UID that already exists in the database. AggCron will make the choice between "new-mail-only" and "regular" polls, choosing the former much more frequently than the latter.

More Technical details:
The "new-mail-only" polls don't work very well for our POP Proxy, which needs the list of UIDs in our database to reflect the deletions at the source. This optimization will keep the UIDs in our database longer after the messages have been deleted at the source. However, we can't just get away by making the polls triggered by POP logins to be "regular"-- those are precisely the polls that we need to be fast. Let me elaborate on this in my next email -- but let's not do anything special for POP Proxy in this FPL item.

-shaibal

```
Darren collected the following data to help us determine where polling
needs optmization. Let me pull out a part of it as highlight:

QUERY (number of Uids stored for active source mailboxes, by protocol):
protocolName
------------ -----------
domino       30995
imap         200
native       100594
owa          162961
pop          728465
rpa          47

That tells me that the top four targets for optimization are:
  1) pop
```

2) owa
3) native
4) domino

Now, owa is not split off into owa 5.5 and owa 2k. But I think this optimization is more important for 5.5 than for 2k. IF you buy that, the priority goes like this:

1) pop
2) owa 5.5
3) owa 2k
4) native (already covered by owa 2k?)
5) domino

BTW, there is an iNotes account with over 23,000 uids!

-shaibal

-----Original Message-----
From: D Gardner [mailto:dgardner@hq.teamon.com]
Sent: February 13, 2003 5:08 PM
To: Shaibal Roy
Subject: Uid numbers

Shaibal, here are the numbers from the T-Mobile system
****

QUERY (number of active source mailboxes, by protocol):

```
set transaction isolation level 0
go
select smb.protocolName
      ,count(*)
  from SrcMbox smb
 where smb.nextPoll <> 9999999999
 group by smb.protocolName
go
set transaction isolation level 1
go
```

RESULT:

```
protocolName
------------ -----------
CS2000       449
domino       12
imap         1228
native       328
owa          431
pop          23509
rpa          4
(7 rows affected)
```

QUERY (number of Uids stored for active source mailboxes, by protocol):

```
set transaction isolation level 0
```

```
go
select smb.protocolName
      ,count(*)
  from SrcMbox smb
      ,SrcMboxMsg smbm
 where smb.nextPoll <> 9999999999
   and smbm.srcMboxID = smb.srcMboxID
 group by smb.protocolName
go
set transaction isolation level 1
go

RESULT:
-------
protocolName
------------ -----------
domino       30995
imap         200
native       100594
owa          162961
pop          728465
rpa          47
(6 rows affected)

****************************************

THEREFORE, the average number of Uids per active source mailbox, by
protocol, sorted ascending by AVERAGE:

protocolName  NumSrcMboxes  NumUids  AVERAGE
------------  ------------  -------  -------
CS2000        449           0        0
imap          1228          200      0.16   <-- Odd. Why do IMAP
sources
have Uids? See (1) below
rpa           4             47       12
pop           23509         728465   31
native        328           100594   307
owa           431           162961   378
domino        12            30995    2583   <-- Odd. Very large! See
(2)
below

(1) It turns out that there are 6 IMAP source mailboxes with Uids:

srcMboxID             NumUids
--------------------- -----------
121901                2
99620                 4
155490                11
158244                19
131557                21
122489                162
(6 rows affected)

I will look into these. Perhaps they converted a POP source into an
IMAP
```

source(?)

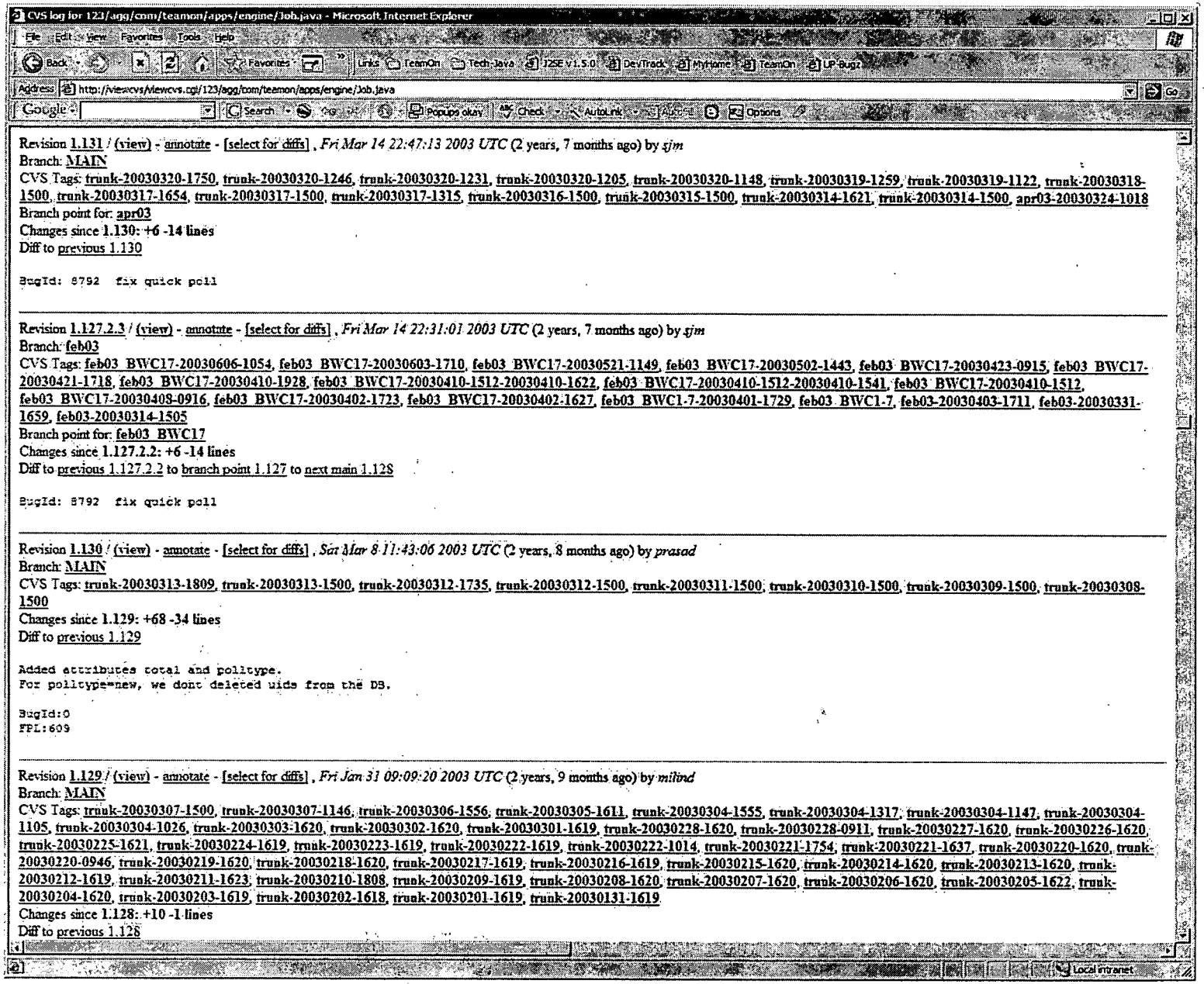
(2) Since there are only 12 domino source mailboxes, I created a histogram,
which point to one odd mailbox:

srcMboxID	NumUids	
88585	1	
121236	1	
128721	11	
96063	13	
153409	13	
147878	139	
62318	238	
95250	311	
88894	1436	
143683	1694	
91490	3936	
156273	23205	<-- This one looks pretty goofy. It is

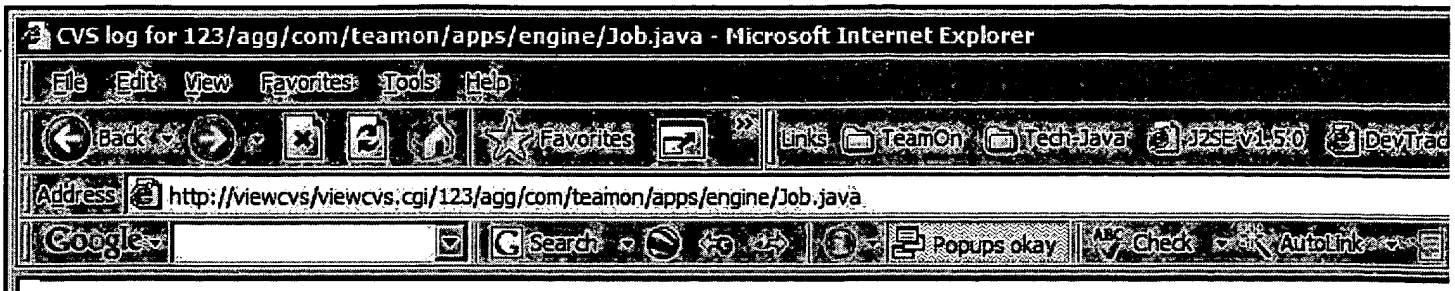
NOT a test account. It was created on 2/10/2003.
(12 rows affected)

I will try to break down the numbers a bit more. Let me know if you want me
to run the OnCommand numbers as well.

Darren


CVS log for 123/agg/com/teamon/apps/engine/Job.java - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Favorites Links TeamOn Tech-Java J2SE v1.5.0 DevTrack MyHome TeamOn UP Bugz
Address http://viewcvs/viewcvs.cgi/123/agg/com/teamon/apps/engine/Job.java
Google Search Popups okay Check AutoLink Options
Revision 1.131 / (view) - annotate - [select for diffs] , Fri Mar 14 22:47:13 2003 UTC (2 years, 7 months ago) by sjm
Branch: MAIN
CVS Tags: trunk-20030320-1750, trunk-20030320-1246, trunk-20030320-1231, trunk-20030320-1205, trunk-20030320-1148, trunk-20030319-1259, trunk-20030319-1122, trunk-20030318-1500, trunk-20030317-1654, trunk-20030317-1500, trunk-20030317-1315, trunk-20030316-1500, trunk-20030315-1500, trunk-20030314-1621, trunk-20030314-1500, apr03-20030324-1018
Branch point for: apr03
Changes since 1.130: +6 -14 lines
Diff to previous 1.130
BugId: 8792 fix quick poll
Revision 1.127.2.3 / (view) - annotate - [select for diffs] , Fri Mar 14 22:31:01 2003 UTC (2 years, 7 months ago) by sjm
Branch: feb03
CVS Tags: feb03_BWC17-20030606-1054, feb03_BWC17-20030603-1710, feb03_BWC17-20030521-1149, feb03_BWC17-20030502-1443, feb03_BWC17-20030423-0915, feb03_BWC17-20030421-1718, feb03_BWC17-20030410-1928, feb03_BWC17-20030410-1512-20030410-1622, feb03_BWC17-20030410-1512-20030410-1541, feb03_BWC17-20030410-1512, feb03_BWC17-20030408-0916, feb03_BWC17-20030402-1723, feb03_BWC17-20030402-1627, feb03_BWC1-7-20030401-1729, feb03_BWC1-7, feb03-20030403-1711, feb03-20030331-1659, feb03-20030314-1505
Branch point for: feb03_BWC17
Changes since 1.127.2.2: +6 -14 lines
Diff to previous 1.127.2.2 to branch point 1.127 to next main 1.128
BugId: 8792 fix quick poll
Revision 1.130 / (view) - annotate - [select for diffs] , Sat Mar 8 11:43:06 2003 UTC (2 years, 8 months ago) by prasad
Branch: MAIN
CVS Tags: trunk-20030313-1809, trunk-20030313-1500, trunk-20030312-1735, trunk-20030312-1500, trunk-20030311-1500, trunk-20030310-1500, trunk-20030309-1500, trunk-20030308-1500
Changes since 1.129: +68 -34 lines
Diff to previous 1.129
Added attributes total and polltype.
For polltype=new, we dont deleted uids from the DB.
BugId:0
FPL:609
Revision 1.129 / (view) - annotate - [select for diffs] , Fri Jan 31 09:09:20 2003 UTC (2 years, 9 months ago) by milind
Branch: MAIN
CVS Tags: trunk-20030307-1500, trunk-20030307-1146, trunk-20030306-1556, trunk-20030305-1611, trunk-20030304-1555, trunk-20030304-1317, trunk-20030304-1147, trunk-20030304-1105, trunk-20030304-1026, trunk-20030303-1620, trunk-20030302-1620, trunk-20030301-1619, trunk-20030228-1620, trunk-20030228-0911, trunk-20030227-1620, trunk-20030226-1620, trunk-20030225-1621, trunk-20030224-1619, trunk-20030223-1619, trunk-20030222-1619, trunk-20030222-1014, trunk-20030221-1754, trunk-20030221-1637, trunk-20030220-1620, trunk-20030220-0946, trunk-20030219-1620, trunk-20030218-1620, trunk-20030217-1619, trunk-20030216-1619, trunk-20030215-1620, trunk-20030214-1620, trunk-20030213-1620, trunk-20030212-1619, trunk-20030211-1623, trunk-20030210-1808, trunk-20030209-1619, trunk-20030208-1620, trunk-20030207-1620, trunk-20030206-1620, trunk-20030205-1622, trunk-20030204-1620, trunk-20030203-1619, trunk-20030202-1618, trunk-20030201-1619, trunk-20030131-1619
Changes since 1.128: +10 -1 lines
Diff to previous 1.128
Local intranet

1 Exhibit 2



Revision 1.131 / (view) - annotate - [select for diffs] , *Fri Mar 14 22:47:13 2003 UTC* (2 years, 7 months ago) by
Branch: MAIN
CVS Tags: trunk-20030320-1750, trunk-20030320-1246, trunk-20030320-1231, trunk-20030320-1205, trunk
1500, trunk-20030317-1654, trunk-20030317-1500, trunk-20030317-1315, trunk-20030316-1500, trunk-200
Branch point for: apr03
Changes since 1.130: +6 -14 lines
Diff to previous 1.130

```
BugId: 8792  fix quick poll
```

Revision 1.127.2.3 / (view) - annotate - [select for diffs] , *Fri Mar 14 22:31:01 2003 UTC* (2 years, 7 months ago)
Branch: feb03
CVS Tags: feb03_BWC17-20030606-1054, feb03_BWC17-20030603-1710, feb03_BWC17-20030521-1149,
20030421-1718, feb03_BWC17-20030410-1928, feb03_BWC17-20030410-1512-20030410-1622, feb03_BW
feb03_BWC17-20030408-0916, feb03_BWC17-20030402-1723, feb03_BWC17-20030402-1627, feb03_BW
1659, feb03-20030314-1505
Branch point for: feb03_BWC17
Changes since 1.127.2.2: +6 -14 lines
Diff to previous 1.127.2.2 to branch point 1.127 to next main 1.128

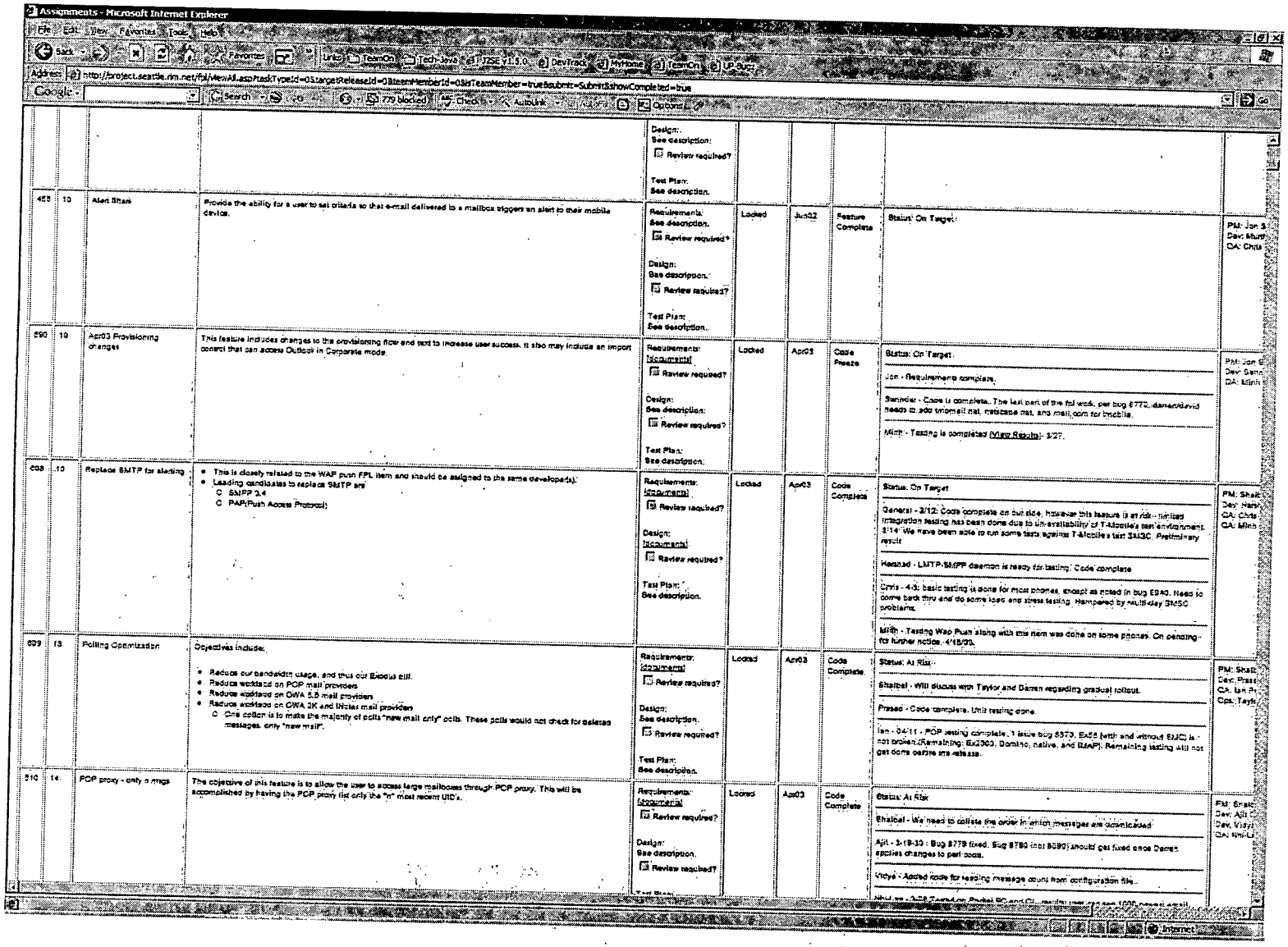
```
BugId: 8792  fix quick poll
```

Revision 1.130 / (view) - annotate - [select for diffs] , *Sat Mar 8 11:43:06 2003 UTC* (2 years, 8 months ago) by p
Branch: MAIN
CVS Tags: trunk-20030313-1809, trunk-20030313-1500, trunk-20030312-1735, trunk-20030312-1500, trunk
1500
Changes since 1.129: +68 -34 lines
Diff to previous 1.129

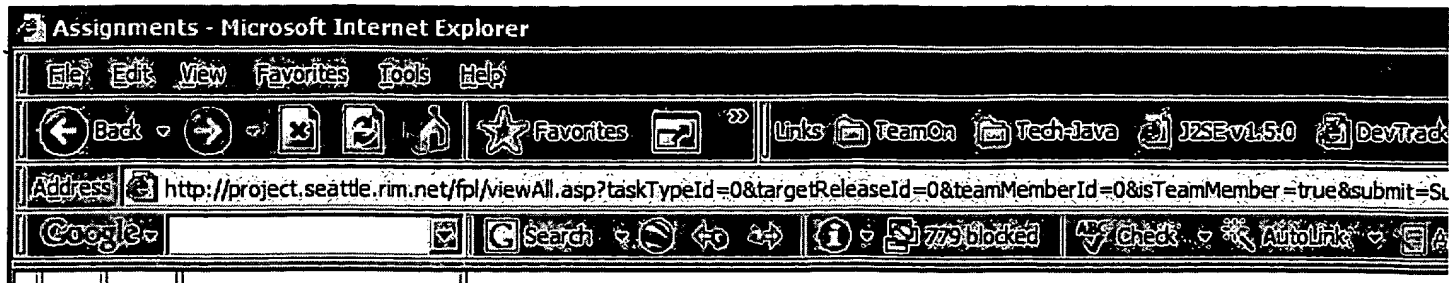
```
Added attributes total and polltype.
For polltype=new, we dont deleted uids from the DB.

BugId:0
FPL:609
```

Revision 1.129 / (view) - annotate - [select for diffs] , *Fri Jan 31 09:09:20 2003 UTC* (2 years, 9 months ago) by
Branch: MAIN
CVS Tags: trunk-20030307-1500, trunk-20030307-1146, trunk-20030306-1556, trunk-20030305-1611, trunk
1105, trunk-20030304-1026, trunk-20030303-1620, trunk-20030302-1620, trunk-20030301-1619, trunk-200
trunk-20030225-1621, trunk-20030224-1619, trunk-20030223-1619, trunk-20030222-1619, trunk-20030222
20030220-0946, trunk-20030219-1620, trunk-20030218-1620, trunk-20030217-1619, trunk-20030216-1619
20030212-1619, trunk-20030211-1623, trunk-20030210-1808, trunk-20030209-1619, trunk-20030208-1620

11497_QuickPollCheckIn1.JPG

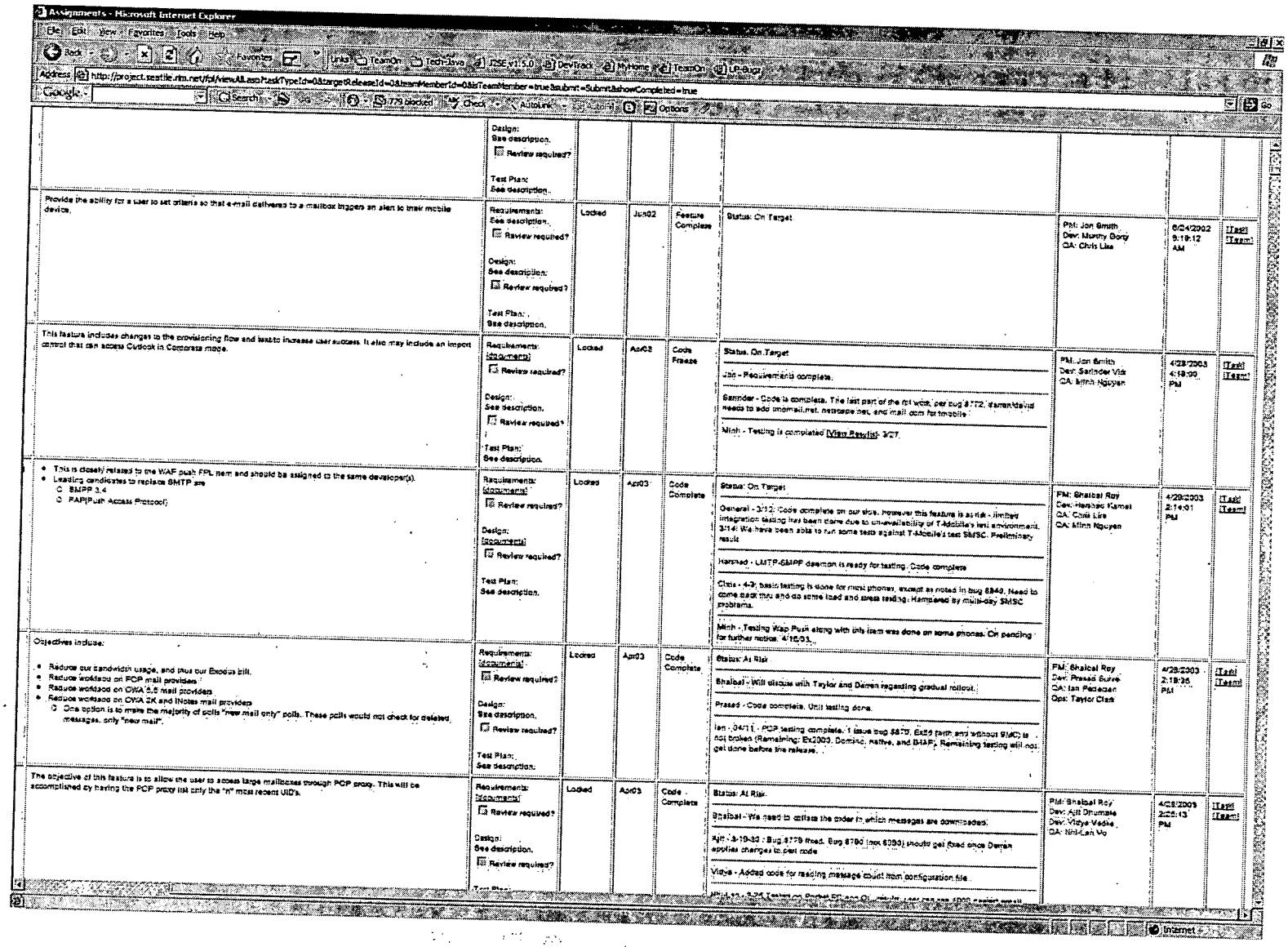

Assignments - Microsoft Internet Explorer
Address http://project.seattle.nm.net/fpl/viewAll.asp?taskTypeId=0&targetReleaseId=0&teamMemberId=0&isTeamMember=true&submit=Submit&showCompleted=true
Design:
See description.
Review required?
Test Plan:
See description.
459 10 Alert filters Provide the ability for a user to set criteria so that e-mail delivered to a mailbox triggers an alert to their mobile device. Requirements: See description. Review required? Design: See description. Review required? Test Plan: See description. Locked Jun02 Feature Complete Status: On Target:
590 10 Apr03 Provisioning changes This feature includes changes to the provisioning flow and text to increase user success. It also may include an import control that can access Outlook in Corporate mode. Requirements: Requirements Review required? Design: See description: Review required? Test Plan: See description. Locked Apr03 Code Freeze Status: On Target.
Jon - Requirements complete.
Surinder - Code is complete. The last part of the fpl work, per bug 8772, dameer/david needs to add tmomail.net, netscape.net, and mail.com for tmobile.
Mirth - Testing is completed (View Results) - 3/27.
638 10 Replace SMTP for alerting
This is closely related to the WAP push FPL item and should be assigned to the same developer(s).
Leading candidates to replace SMTP are
C SMPP 3.4
C PAP(Push Access Protocol)
Requirements: Requirements Review required? Design: Requirements Review required? Test Plan: See description. Locked Apr03 Code Complete Status: On Target
General - 3/12: Code complete on our side, however this feature is at risk - limited integration testing has been done due to unavailability of T-Mobile's test environment. 3/14: We have been able to run some tests against T-Mobile's test SMSC. Preliminary result
Hesnad - LMTP-SMPP daemon is ready for testing. Code complete
Chris - 4-5: basic testing is done for most phones, except as noted in bug 8940. Need to come back thru and do some load and stress testing. Hampered by multi-day SMSC problems.
Mirth - Testing Wap Push along with this item was done on some phones. On pending for further notice. 4/15/03.
809 13 Polling Optimization Objectives include:
Reduce our bandwidth usage, and thus our Exodus bill.
Reduce workload on POP mail providers
Reduce workload on GWA 5.5 mail providers
Reduce workload on GWA 2K and lotus mail providers
C One option is to make the majority of polls "new mail only" polls. These polls would not check for deleted messages, only "new mail".
Requirements: Requirements Review required? Design: See description. Review required? Test Plan: See description. Locked Apr03 Code Complete Status: At Risk
Shahbaz - Will discuss with Taylor and Darren regarding gradual rollout.
Prasad - Code complete, Unit testing done.
Ian - 04/11 - POP testing complete, 1 issue bug 8373, Ex55 (with and without SUC) is not broken.(Remaining: Ex2003, Domino, native, and IMAP). Remaining testing will not get done before ms release.
510 14 POP proxy - only n msgs The objective of this feature is to allow the user to access large mailboxes through POP proxy. This will be accomplished by having the POP proxy list only the "n" most recent UID's. Requirements: Requirements Review required? Design: See description. Review required? Locked Apr03 Code Complete Status: At Risk
Shahbaz - We need to collate the order in which messages are downloaded
Ajit - 3-19-03 : Bug 8779 fixed. Bug 8780 (not 8890) should get fixed once Darren applies changes to perl code.
Vidya - Added code for reading message count from configuration file.

1 Exhibit 3



455	10	Alert filters	Provide the ability for a user to set criteria so that e-mail delivered to a mailbox triggers an alert to their device.
590	10	Apr03 Provisioning changes	This feature includes changes to the provisioning flow and text to increase user success. It also may incl control that can access Outlook in Corporate mode.
608	10	Replace SMTP for alerting	• This is closely related to the WAP push FPL item and should be assigned to the same developer(s). • Leading candidates to replace SMTP are O SMPP 3.4 O PAP(Push Access Protocol)
609	13	Polling Optimization	Objectives include: • Reduce our bandwidth usage, and thus our Exodus bill. • Reduce workload on POP mail providers • Reduce workload on OWA 5.5 mail providers • Reduce workload on OWA 2K and iNotes mail providers O One option is to make the majority of polls "new mail only" polls. These polls would not check f messages, only "new mail".

11497_QuickPoll_FPL11.JPG



Assignments - Microsoft Internet Explorer

	Design: See description. Review required? Test Plan: See description.							
Provide the ability for a user to set criteria so that e-mail delivered to a mailbox triggers an alert to their mobile device.	Requirements: See description. Review required? Design: See description. Review required? Test Plan: See description.	Locked	Jun02	Feature Complete	Status: On Target	PM: Jon Smith Dev: Murthy Gorty QA: Chris Like	6/24/2002 9:19:12 AM	[Task] [Team]
This feature includes changes to the provisioning flow and tasks to increase user success. It also may include an import control that can access Outlook in Corporate mode.	Requirements: [documents] Review required? Design: See description. Review required? Test Plan: See description.	Locked	Apr02	Code Freeze	Status: On Target Jon - Requirements complete. Satinder - Code is complete. The last part of the rpt work, per bug 8772, if anmt/davis needs to add snormail.rpt, netscape.net, and mail.com for tmobile. Minh - Testing is completed [View Results] 3/27.	PM: Jon Smith Dev: Satinder Vik QA: Minh Nguyen	4/29/2003 4:19:09 PM	[Task] [Team]
• This is closely related to the WAP push FPL item and should be assigned to the same developer(s). • Leading candidates to replace SMTP are ○ SMPP 3.4 ○ PAP(Push Access Protocol)	Requirements: [documents] Review required? Design: [documents] Review required? Test Plan: See description.	Locked	Apr03	Code Complete	Status: On Target General - 3/12: Code complete on our side. However this feature is at risk - limited integration testing has been done due to un-availability of T-Mobile's test environment. 3/14: We have been able to run some tests against T-Mobile's test SMSC. Preliminary result Hamsad - UMTP-SMPP daemon is ready for testing. Code complete Chris - 4-3: basic testing is done for most phones, except as noted in bug 8840. Need to come back thru and do some load and stress testing. Hampered by multi-day SMSC problems. Minh - Testing Wap Push along with this item was done on some phones. On pending for further notice. 4/15/03.	PM: Shailesh Roy Dev: Hemaben Kamat QA: Chris Like QA: Minh Nguyen	4/29/2003 2:14:01 PM	[Task] [Team]
Objectives include: • Reduce our bandwidth usage, and thus our Exodus bill. • Reduce workload on POP mail providers. • Reduce workload on CWA 5.5 mail providers. • Reduce workload on CWA 2K and Notes mail providers. ○ One option is to make the majority of polls "new mail only" polls. These polls would not check for deleted messages, only "new mail".	Requirements: [documents] Review required? Design: See description. Review required? Test Plan: See description.	Locked	Apr03	Code Complete	Status: At Risk Shailesh - Will discuss with Taylor and Darren regarding gradual rollout. Prasad - Code complete. Unit testing done. Ian - 04/11 - POP testing complete. 1 issue (bug 8870, 8x2d (with and without SMC) is not broken (Remaining: 8x2000, Domino, native, and BIAP). Remaining testing will not get done before this release.	PM: Shailesh Roy Dev: Prasad Surve QA: Ian Pedersen Ops: Taylor Clark	4/29/2003 2:19:35 PM	[Task] [Team]
The objective of this feature is to allow the user to access large mailboxes through POP proxy. This will be accomplished by having the POP proxy list only the "n" most recent UID's.	Requirements: [documents] Review required? Design: See description. Review required?	Locked	Apr03	Code Complete	Status: At Risk Shailesh - We need to discuss the order in which messages are downloaded. Ajit - 3-19-03 : Bug 8779 fixed. Bug 8780 (not 6090) should get fixed once Darren applies changes to perl code Vidya - Added code for reading message count from configuration file.	PM: Shailesh Roy Dev: Ajit Drumale Dev: Vidya Vedak QA: Nhi-Lan Vo	4/28/2003 2:05:13 PM	[Task] [Team]

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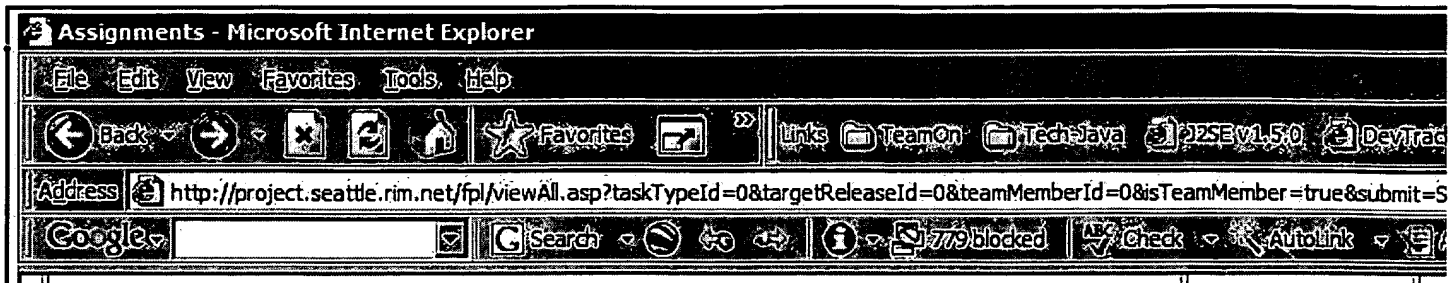
Exhibit 4



		Design: See description. Review required? Test Plan: See description.	
	Provide the ability for a user to set criteria so that e-mail delivered to a mailbox triggers an alert to their mobile device.	Requirements: See description. Review required? Design: See description. Review required? Test Plan: See description.	L
	This feature includes changes to the provisioning flow and text to increase user success. It also may include an import control that can access Outlook in Corporate mode.	Requirements: [documents] Review required? Design: See description. Review required? Test Plan: See description.	L
	• This is closely related to the WAP push FPL item and should be assigned to the same developer(s). • Leading candidates to replace SMTP are o SMPP 3.4 o PAP(Push Access Protocol)	Requirements: [documents] Review required? Design: [documents] Review required? Test Plan: See description.	L
	Objectives include: • Reduce our bandwidth usage, and thus our Exodus bill. • Reduce workload on POP mail providers • Reduce workload on OWA 5.5 mail providers • Reduce workload on OWA 2K and iNotes mail providers o One option is to make the majority of polls "new mail only" polls. These polls would not check for deleted messages, only "new mail".	Requirements: [documents] Review required? Design: See description. Review required? Test Plan: See description.	L

11497_QuickPoll_FPL21.JPG

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